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(54) Title: MICROPARTICLES WITH ADSORBENT SURFACES, METHODS OF MAKING SAME, AND USES THEREOF

(57) Abstract

Microparticles with adsorbent surfaces, methods of making such microparticles, and uses thereof, are disclosed. The microparticles comprise a polymer, such as a poly(A-hydroxy acid), a polyhydroxy butyric acid, a polycaprolactone, a polyorthoester, a polyanhydride, and the like, and are formed using cationic, anionic, or nonionic detergents. The surface of the microparticles efficiently adsorb biologically active macromolecules, such as DNA, polypeptides, antigens, and adjuvants.